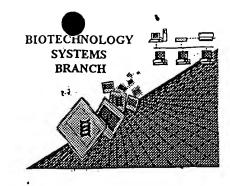


RAW SEQUENCE LISTING ERROR REPORT

Date Processed by STIC:



1/02 0300 3420

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

 TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

	Raw Sequence Listing
	SERIAL NUMBER: 09/93,325 SERIAL NUMBER: 09/93,325
	SERIAL NUMBER: U // 1
	SERIAL NUMBER: OTITION SERIAL NUMBER: OTITION SERIAL NUMBER: OTITION PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE PLEASE DISREGARD end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line. This may occur if your file The serial but the end of each line "wrapped" down to the next line but the next line but the end of each line but the next line but
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ATTN: NEW RODE	The number/text at the end of each line "wrapped" down to the next line. This may occur it you the was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will was retrieved in a word processor after creating it.
Wrapped Nucleics	
Wrapped Aminos	prevent "wrapping" in length This includes white spaces.
	prevent 72 characters in length. This includes with a property of the prevent of
	The rules require that a line not exceed 72 characters in length. This includes white spaces. The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; The numbering under each 5th amino acid is misaligned.
2Invalid Line Length	amino acid is misaligned. Do not use tab cook
3 Misaligned Amino	The numbering under each a instead
Numbering	The numbering under substance in the submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please The submitted file was not saved in ASCII text.
Million	a send file was not saved in ASCII(DOS) text, as even
4 Non-ASCII	The submitted file was not saved in ASCII text. ensure your subsequent submission is saved in ASCII text. ensure your subsequent submission is saved in ASCII text.
. 4	
_	contain n's or Xaa's representation Please present the maximum notified and present the maximum not
5 Variable Length	each n or Xaa can only represent a suite in the <220>-<223> section that some may
	2.0 has caused the <220>-<223> section to be this section from the
~	A "bug" in Patentin version 2.0 has caused the <220>-<223> section to be missing from animo and the Normally, Patentin would automatically generate this section from the sequences(s)
6PatentIn 2.0 "bug"	Normally, Patentin would get relevant <220>-223> section of sequences(s) Please manually copy the relevant <220>-223> sections for previously coded nucleic acid sequence. This applies to the mandatory <220>-223> sections for the subsequent amino acid sequence. This applies to the mandatory <20>-223> sections for the subsequent amino acid sequences.
bug	previously coded nucleous sequence. This applies to the management
	the subsequent sining was sequences. Artificial or Unknown sequences.
•	Sequence(s) missing. If intentional, please insert the following miss so. (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (ii) SEQUENCE CHARACTERISTICS: (insert SEQ ID NO where "X" is shown)
7Skipped Sequences	(2) INFORMATION FOR SEQ ID NOVA: (Insert any subheadings inter
(OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X: (Insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this with the sequence of the sequence of the sequence is intentionally skipped
	The state of the s
	(xi) SEQUENCE DESCRIPTION (xi) SEQUENCES: "response to Include the skipped sequences. Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to Include the skipped sequence.
, ,	
	Please also adjust the (11) reset the following lines for each skipped sequence.
	missing. If intentional, please hisertune
8 Skipped Sequences	and a sequence id number
(NEW RULES)	<400> sequence id number
·	
	Compande Listing.
A A Vast	Use of n's and/or Xaa's have been detected a sea of \$220> \$223> is MANDATORY II it is to the nor Xaa represents.
9 Use of n's or Xaa's	
(NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Dattory if n's or Xaa's are present. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa represents. In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents. Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown or continuous (Graus/species). <220>-<223> section is required when <213> response is Unknown or continuous (Graus/species).
	In <220> to <223> sections per language in <213> responses are: Unknown, Artificial Sequence, or Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or scientific name (Genus/species).
10 Invalid <213>	Per 1.823 of Sequence (series). <220>.<223> section is require
Response	scientific name (Garage)
Respons	is Artificial Sequence Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or Use of <220> to <223> section. Use of <220> to <233> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or Use of <220> to <23> section. Use of <220> to <233 of Sequence Rules)
	missing the <220
11Use of <220>	Use of <220> to <223> is MANDATURY II <213 time (220) to <223> section.
	(Can "heddfal Rusia")
- 4-20	Please do not use "Copy to Disk".
Patentin 2.0	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted support of the property of the prop
"bug"	Please do not use "Copy to Disk" function of Fatetinin Please do not use "Copy to Disk" function of Fatetinin Please (as indicated on raw sequence resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence resulting in missing mandatory numeric identifiers and responses to copy file to flooppy disk. listing). Instead, please use "File Manager" or any other manual means to copy file to flooppy disk.
	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent
	and only he used to represent a single nucleottae in a mount
13Misuse of n	n can only be used to represent the same of the same o
1.5	any value not specifically

AMC/MH - Biotechnology Systems Branch - 08/21/2001

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,325

DATE: 07/25/2001 TIME: 14:13:59

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\07252001\1903325.raw

Does Not Comply Corrected Diskette Needec

```
SEQUENCE LISTING
5 (1) GENERAL INFORMATION:
       .(i) APPLICANT: De Robertis, Edward M.
      (ii) TITLE OF INVENTION: Endoderm, Cardiac and Neural Inducing
7
8
10
      (iii) NUMBER OF SEQUENCES: 10
             (A) ADDRESSEE: Majestic, Parsons, Siebert & Hsue
11
       (iv) CORRESPONDENCE ADDRESS:
13
             (B) STREET: Four Embarcadero Center, Suite 1100
15
16
              (C) CITY: San Francisco
17
              (D) STATE: California
18
              (E) COUNTRY: U.S.A.
19
              (F) ZIP: 94111-4106
20
         (V) COMPUTER READABLE FORM:
 21
              (A) MEDIUM TYPE: Floppy disk
              (B), COMPUTER: IBM PC compatible
 23
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 24
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 25
 26
         (vi) CURRENT APPLICATION DATA:
               (A) APPLICATION NUMBER: US/09/903,325
 27
  29
               (B) FILING DATE: 11-Jul-2001
  30
               (C) CLASSIFICATION:
        (vii) PRIOR APPLICATION DATA:
               (A) APPLICATION NUMBER: US 60/020,150
  34
                (B) FILING DATE: 20-JUN-1996
  35
        (viii) ATTORNEY/AGENT INFORMATION:
  36
                (A) NAME: Siebert, J. Suzanne
   38
                (B) REGISTRATION NUMBER: 28,758
                (C) REFERENCE/DOCKET NUMBER: 3100.002US1
   39
   40
          (ix) TELECOMMUNICATION INFORMATION:
   41
                (A) TELEPHONE: 415/248-5500
   43
                 (B) TELEFAX: 415/362-5418
   44
   45
```

ERRORED SEQUENCES

RED S	EQUE	ICES			o ID N	in: 5:	70	7	\cap	5			
330 332 333 334 335 337	(2)	(ii)	RMATION SEQUENC (A) L	ENGTH: YPE: an OPOLOG LE TYP ICE DES	979 an mino a Y: lin E: pep CRIPTI	mino d cid ear tide ON: S	EQ ID N	O: 5: Leu	Leu	Leu	Gly Asp	Leu 15 Glu	Met Glu
344	ı val	Leu	GIII T.	_							•		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,325

DATE: 07/25/2001
TIME: 14:13:59

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\07252001\I903325.raw

Output Set: N:\CRES\U/2011		•
25	30	
345 20 25 347 Glu Pro Pro Gly Thr Val Ile Ala Val Leu Ser Gln His	s Ser Ile	Phe
347 Glu Pro Pro Gly Thr Val IIe Ala Val Lea 45		
	t Lys Gln	Phe
348 350 Acr Thr Thr Asp Ile Pro Ala Thr Asp Phe Arg Leu Mei	•	
350 ASH THE TALL 55 351 50 353 ASH ASH SET LEU ILE GLY Val Arg Glu Ser Asp Gly-Gly 75	n Leu Ser	Ile -
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353 Asn Asn Sel Bed 125 75	- Tou His	Cvs
354 65 Arg Glu Gln Ile Cys Arg Gln Se	r Leu nis	O _I =
353 ASH ASH 75 354 65 356 Met Glu Arg Ile Asp Arg Glu Gln Ile Cys Arg Gln Se 356 Met Glu Arg Ile Asp Arg Glu Gln Ile Cys Arg Gln Se	95	Lou
356 Met Glu Alg 199 90 357 85 359 Asn Leu Ala Leu Asp Val Val Ser Phe Ser Lys Gly Hi 100 105	s Phe Lys	Leu
359 Asn Leu Ala Leu Asp val val 552	¥ 110	£1. 1
360 100 105 362 Leu Asn Val Lys Val Glu Val Arg Asp Ile Asn Asp Hi 120 12	s Ser Pro	His
362 Leu Asn Val Lys Val Glu Val Arg Asp 110 112	.5	•
362 Leu ASH VAL 212 363 115 365 Phe Pro Ser Glu Ile Met His Val Glu Val Ser Glu Se 135 140	er ser ser	Val
acs pho pro Ser Glu Ile Met His Val Glu Val Sel 012		
365 PHE PIO DEI 135 366 130 368 Gly Thr Arg Ile Pro Leu Glu Ile Ala Ile Asp Glu As	en Val Gly	Ser'
366 The Arg The Pro Leu Glu Ile Ala Ile Asp Glu As	sp va=,1	160
368 GIY Thr AIG 116 120 150	: - Dho Ser	Tle
369 145 371 Asn Ser Ile Gln Asn Phe Gln Ile Ser Asn Asn Ser H:	175	
371 Asn Ser Ile Gin Ash File 324	1/3	Tou
371 ASH Sel 110 165 372 165 374 Asp Val Leu Thr Arg Ala Asp Gly Val Lys Tyr Ala Asp 185	sp Leu val	Leu
374 Asp Val Leu Thr Arg Ald Asp GIT 185	190	_
374 ASP VAI LEU 180 185 375 180 180 11e Gln Pro Thr Tyr I 377 Met Arg Glu Leu Asp Árg Glu Ile Gln Pro Thr Tyr I 200 2	le Met Glu	ı Leu
377 Met Arg Glu Leu Asp Arg Glu 11e Gli 110	05	
379 195 200 200 Cer Gly T	hr Ala Va	l Val
377 Met Alg 322 200 378 195 380 Leu Ala Met Asp Gly Gly Val Pro Ser Leu Ser Gly T 220 220		
380 Led Ald Abo 2215 381 210 383 Asn Ile Arg Val Leu Asp Phe Asn Asp Asn Ser Pro V 235 236	al Phe Gl	u Arg
381 210 Arg Val Leu Asp Phe Asn Asp Asn Sel Plo V	ur m	240
383 Ash 11e Arg var 230	au Cly Ty	r Leu
383 ASH THE 7179 230 384 225 386 Ser Thr Ile Ala Val Asp Leu Val Glu Asp Ala Pro I 245 245	eu Gry 17 25	5
386 Ser Thr 11e Ala val 11e 250	2.3	v Clu
386 Sel III 12 245 387 245 389 Leu Leu Glu Leu His Ala Thr Asp Asp Glu Gly \ 265	/al Asn Gi	y Gru
389 Leu Leu Glu Leu HIS Ald III 102 265	270	T
390 260 390 260 392 Ile Val Tyr Gly Phe Ser Thr Leu Ala Ser Gln Glu V 280	Val Arg Gl	n Leu
392 Ile Val Tyr Gly Phe Ser Till Bed Mid 390	285	
392 THE VAL 21 280 280 275 280 Thr Leu (Glu Gly Gl	.n Val
392 The Val 172 280 393 275 395 Phe Lys Ile Asn Ser Arg Thr Gly Ser Val Thr Leu C		
396 290 295 300 398 Asp Phe Glu Thr Lys Gln Thr Tyr Glu Phe Glu Val	Gln Ala G	ln Asp
200 Acr Phe Glu Thr Lys Gln Thr Tyr Glu Phe Glu Vul		320
398 ASP FILE OLD 310	whr Val H	is Ile
398 ASP FRE 323 399 305 310 310 401 Leu Gly Pro Asn Pro Leu Thr Ala Thr Cys Lys Val	3111 701 3	35
401 Leu Gly Plo Asii 115 330	-1 . D-0 I	ou Thr
401 Leu Gry 125 325 330 402 325 404 Leu Asp Val Asn Asp Asn Thr Pro Ala Ile Thr Ile 404 Leu Asp Val Asn Asp Asn Thr Pro Ala Ile Thr Ile	Thr Pro L	eu 1112
404 Leu Asp Val Ash Asp Ash 1112 345	350	a1
405 340 Tyr Tle Pro Glu Thr	Ala Thr L	ys Giu
404 Bed ASP 340 405 340 407 Thr Val Asn Ala Gly Val Ala Tyr Ile Pro Glu Thr 360	365	
407 III val hou 360 408 355 410 Asn Phe Ile Ala Leu Ile Ser Thr Thr Asp Arg Ala 375 380	Ser Gly S	er Asn
410 Asn Phe Ile Ala Leu Ile Ser Thr Thi Asp Ala 380		
411 370 375	Phe Lvs L	eu Gln
410 ASH FRE 123 375 411 370 413 Gly Gln Val Arg Cys Thr Leu Tyr Gly His Glu His 390 395	11-	400
413 GIY GIR VAL 3 390	cor Thr I	eu Asp
413 Gly Gli Van 390 414 385 416 Gln Ala Tyr Glu Asp Ser Tyr Met Ile Val Thr Thr	Ser im r	115
	5	
417		

DATE: 07/25/2001 RAW SEQUENCE LISTING TIME: 14:13:59 PATENT APPLICATION: US/09/903,325

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\07252001\1903325.raw

```
419 Arg Glu Asn Ile Ala Ala Tyr Ser Leu Thr Val Val Ala Glu Asp Leu
 -422 Gly Phe Pro Ser Leu Lys Thr Lys Lys Tyr Tyr Thr Val Lys Val Ser
  425 Asp Glu Asn Asp Asn Ala Pro Val Phe Ser Lys Pro Gln Tyr Glu Ala
  428 Ser Ile Leu Glu Asn Asn Ala Pro Gly Ser Tyr Ile Thr Thr Val Ile
  431 Ala Arg Asp Ser Asp Ser Asp Gln Asn Gly Lys Val Asn Tyr Arg Leu
   434 Val Asp Ala Lys Val Met Gly Gln Ser Leu Thr Thr Phé Val Ser Leu
  . 432
   437 Asp Ala Asp Ser Gly Val Leu Arg Ala Val Arg Ser Leu Asp Tyr Glu
   440 Lys Leu Lys Gln Leu Asp Phe Glu Ile Glu Ala Ala Asp Asn Gly Ile
   443 Pro Gln Leu Ser Thr Arg Val Gln Leu Asn Leu Arg Ile Val Asp Gln
   446 Asn Asp Asn Cys Pro Val Ile Thr Asn Pro Leu Leu Asn Asn Gly Ser
   449 Gly Glu Val Leu Leu Pro Ile Ser Ala Pro Gln Asn Tyr Leu Val Phe
    452 Gln Leu Lys Ala Glu Asp Ser Asp Glu Gly His Asn Ser Gln Leu Phe
    455 Tyr Thr Ile Leu Arg Asp Pro Ser Arg Leu Phe Ala Ile Asn Lys Glu
    458 Ser Gly Glu Val Phe Leu Lys Lys Gln Leu Asn Ser Asp His Ser Glu
    461 Asp Leu Ser Ile Val Val Ala Val Tyr Asp Leu Gly Arg Pro Ser Leu
    464 Val Ala Asn Arq Met His Ala Glu Tyr Glu Arg Asp Leu Val Asn Arg
E--> 465 930 660 935 665
    467 Ser Ala Thr Leu Ser Pro Gln Arg Ser Ser Ser Arg Tyr Gln Glu Phe
E--> 468 945 675 956 680 955- 685
     470 Asn Tyr Ser Pro Gln Ile Ser Arg Gln Leu His Pro Ser Glu Ile Ala
E--> 471 690 965 695
E--> 473 Thr Thr Phe 705
     780 (2) INFORMATION FOR SEQ ID NO: 9:
     782 (i) SEQUENCE CHARACTERISTICS:
                  (A) LENGTH: 325 amino acids
                   (B) TYPE: amino acid
     783
                                                                       merebjæd
ho.
(see iten 3
on Eva bunnaug
Heet
                   (D) TOPOLOGY: linear
             (ii) MOLECULE TYPE: peptide
             (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
     791 Met Val Cys Gly Ser Pro Gly Gly Met Leu Leu Arg Ala Gly Leu
     794 Leu Ala Leu Ala Ala Leu Cys Leu Leu Arg Val Pro Gly Ala Arg Ala
 E--> 792 1
      797 Ala Ala Cys Glu Pro Val Arg Ile Pro Leu Cys Lys Ser Leu Pro Trp
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,325

DATE: 07/25/2001
TIME: 14:13:59

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\07252001\1903325.raw

800 Asn Met Thr Lys Met Pro Asn His Leu His His Ser Thr Gln Ala Asn 45 803 Ala Ile Leu Ala Ile Glu Gln Phe Glu Gly Leu Leu Gly Thr His Cys 806 Ser Pro Asp Leu Leu Phe Phe Leu Cys Ala Met Tyr Ala Pro Ile Cys 809 Thr Ile Asp Phe Gln His Glu Pro Ile Lys Pro Cys Lys Ser Val Cys 812 Glu Arg Ala Arg Gln Gly Cys Glu Pro Ile Leu Ile Lys Tyr Arg His 815 Ser Trp Pro Glu Asn Leu Ala Cys Glu Glu Leu Pro Val Tyr Asp Arg 813 818 Gly Val Cys Ile Ser Pro Glu Ala Ile Val Thr Ala Asp Gly Ala Asp 821 Phe Pro Met Asp Ser Ser Asn Gly Asn Cys Arg Gly Ala Ser Ser Glu 824 Arg Cys Lys Cys Lys Pro Ile Arg Ala Thr Gln Lys Thr Tyr Phe Arg 827 Asn Asn Tyr Asn Tyr Val Ile Arg Ala Lys Val Lys Glu Ile Lys Thr 830 Lys Cys His Asp Val Thr Ala Val Val Glu Val Lys Glu Ile Leu Lys 828 195 833 Ser Ser Leu Val Asn Ile Pro Arg Asp Thr Val Asn Leu Tyr Thr Ser 836 Ser Gly Cys Leu Cys Pro Pro Leu Asn Val Asn Glu Glu Tyr Ile Ile 839 Met Gly Tyr Glu Asp Glu Glu Arg Ser Arg Leu Leu Val Glu Gly 842 Ser Ile Ala Glu Lys Trp Lys Asp Arg Leu Gly Lys Lys Val Lys Arg 845 Trp Asp Met Lys Leu Arg His Leu Gly Leu Ser Lys Ser Asp Ser Ser 843 848 Asn Ser Asp Ser Thr Gln Ser Gln Lys Ser Gly Arg Asn Ser Asn Pro 310 849 305 851 Arg Gln Ala Arg Asn

VERIFICATION SUMMARY PATENT APPLICATION: US/09/903,325

DATE: 07/25/2001 TIME: 14:14:00

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\07252001\1903325.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:465 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5

L:473 M:203 E: No. of Seq. differs, LENGTH:Input:979 Found:707 SEQ:5

L:792 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9